

MBK

Order No.: 1401019

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1401019>

Feed-through modular terminal block, Type of connection: Screw connection, Cross section: 0.2 mm² - 2.5 mm², AWG 24 - 14, Width: 5.2 mm, Color: gray, Mounting type: NS 15

Commercial data

EAN	4017918020194
Pack	200 pcs.
Customs tariff	85369010
Weight/Piece	0.00434 KG
Catalog page information	Page 436 (CL-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data**General**

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA

Inflammability class acc. to UL 94	V2
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Dimensions

Width	5.2 mm
Length	22 mm

Technical data

Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	1.5 A
Nominal voltage U _N	500 V
Open side panel	nein

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1 mm ²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm ²
Cross-section with insertion bridge, solid max.	1.5 mm ²
Cross-section with insertion bridge, stranded max.	1.5 mm ²
Type of connection	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A1
Screw thread	M2,6
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Certificates / Approvals



Certification

BV, CSA, CUL, DNV, GOST, LR, NK, RS, UL

CSA

Nominal voltage U_N	150 V
Nominal current I_N	25 A
AWG/kcmil	28-12

CUL

Nominal voltage U_N	300 V
Nominal current I_N	15 A
AWG/kcmil	30-14

UL

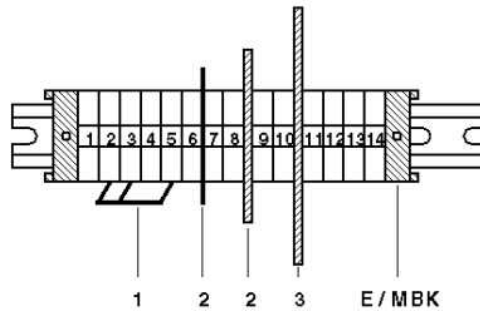
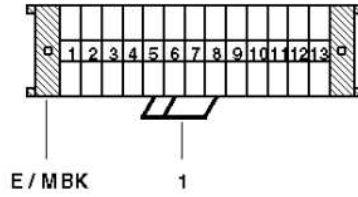
Nominal voltage U_N	300 V
Nominal current I_N	15 A
AWG/kcmil	30-14

Accessories

Item	Designation	Description
Assembly		
1413227	ATP-MBK	Partition plate, Length: 42.5 mm, Width: 2.5 mm, Height: 41 mm, Color: gray
1402225	ATS-MBK	Partition plate, Color: gray
1401637	E/MBK	End bracket, width: 6.2 mm, color: gray
1401763	NS 15 AL PERF 2000MM	DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401682	NS 15 PERF 2000MM	DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401695	NS 15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m
0801791	TP-BK/MBK	Separating plate, Length: 80 mm, Width: 2 mm, Height: 42 mm, Color: gray
Bridges		
1401158	EB 2- 5	Cross connector/bridge, Number of positions: 2, Color: gray
1401145	EB 3- 5	Cross connector/bridge, Number of positions: 3, Color: gray
1401132	EB 10- 5	Cross connector/bridge, Number of positions: 10, Color: gray
Marking		
1400133	BNB-ZB 5,2:SO/CMS	BNB Zack strip, special printing, 10-section, divisible, marking according to customer requirements
Tools		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

Diagrams/Drawings

Circuit diagram



- 1 = insertion bridge
- 2 = partition plate
- 3 = separating plate

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